

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4191	(showerhead or (shower head) or (gas adj (distribut\$3 or diffus\$3 or dispens\$3 or dispers\$3) adj (plate or mean)) or (gas supply assembly)) same (((first or inner or center) same (second or outer or outside)) or concentric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/15 16:07
L2	25747	(control\$3 with (gas or precursor or reactant or flow or suppl\$4) with (((first or inner or center) same (second or outer or outside)) or concentric)) and (control\$3 same (holder or susceptor or chuck or boat or support) same (position\$3 or rais\$3 or lower\$3 or adjust\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/15 16:07
L3	22634	(control\$3 same (gas or precursor or reactant) same (flow or suppl\$4) same (((first or inner or center) same (second or outer or outside)) or concentric)) and (control\$3 same (holder or susceptor or chuck or boat or support) same (position\$3 or rais\$3 or lower\$3 or adjust\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/15 16:07
L4	4191	(showerhead or (shower head) or (gas adj (distribut\$3 or diffus\$3 or dispens\$3 or dispers\$3) adj (plate or mean)) or (gas supply assembly)) same (((first or inner or center) same (second or outer or outside)) or concentric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/15 16:07
L5	21	(L1 or L2 or L3 or L4) and (156/345.54.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/15 16:16
S1	2	((("20020132374") or ("6905940")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 21:21
S2	21	("20020132374" "20040103844" "20050106319" "20050142895" "5620523" "5628869" "5962085" "6022811" "6132562" "6149365" "6151446" "6221770" "6223683" "6289842" "6333269" "6354832" "6392350" "6641674" "6709523" "6793733" "6905940").PN.	US-PGPUB; USPAT; USOCR; FPRS	ADJ	ON	2007/09/06 17:09
S3	0	("2004/0103844").URPN.	USPAT	ADJ	ON	2007/03/26 21:33

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S4	34	("20020000196" "20020007790" "20020011215" "20030019428" "20030089314" "20030111961" "20030140851" "20030168006" "20030201723" "20040060514" "4297162" "4590042" "4854263" "4892753" "5439524" "5589002" "5597439" "5728223" "5976261" "5980686" "6001175" "6050506" "6079353" "6206972" "6232580" "6245192" "6267074" "6302965" "6436193" "6454860" "6565661" "6586886" "6677712").PN. OR ("6793733").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/03/26 21:41
S5	259	(156/345.34).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 21:47
S6	92	S5 and controller	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/03/26 21:42
S7	29	("4615298" "4624214" "4808553" "4828369" "4960071" "4988642" "5110438" "5124014" "5284544" "5385624" "5423936" "5472508" "5512102" "5728253" "5780313").PN. OR ("6162323").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/03/26 21:45
S8	410	(156/345.29,345.33).CCLS.	USPAT; USOCR	OR	OFF	2007/03/26 21:48
S9	183	S8 and controller	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/08 17:49
S10	4176	(showerhead or (shower head) or (gas adj (distribut\$3 or diffus\$3 or dispens\$3 or dispers\$3) adj (plate or mean)) or (gas supply assembly)) same (((first or inner or center) same (second or outer or outside)) or concentric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/08 18:02

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S11	8345	((118/715,729,684,696,697) or (156/345.33,345.34,345.29,345.26)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/08 18:12
S12	355	S10 and S11 and (@rlad<="20031216" or @ad<="20031216")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 12:42
S13	1463	(S10 and (wafer or substrate or workpiece or (work piece) or coat\$3 or deposit\$3 or etch\$3 or semiconductor) and (@rlad<="20031216" or @ad<="20031216")) not S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 17:20
S14	1743	(S10 and control\$3 and (@rlad<="20031216" or @ad<="20031216")) not S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/08 20:46
S15	632	S14 not (S12 or S13)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/08 20:51
S16	25720	(control\$3 with (gas or precursor or reactant or flow or suppl\$4) with (((first or inner or center) same (second or outer or outside)) or concentric)) and (control\$3 same (holder or susceptor or chuck or boat or support) same (position\$3 or rais\$3 or lower\$3 or adjust\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 12:26
S17	25070	(control\$3 with (gas or precursor or reactant or flow or suppl\$4) with (((first or inner or center) with (second or outer or outside)) or concentric)) and (control\$3 same (holder or susceptor or chuck or boat or support) same (position\$3 or rais\$3 or lower\$3 or adjust\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 12:31

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S18	794	(control\$3 with (gas or precursor or reactant) with (flow or suppl\$4) with (((first or inner or center) with (second or outer or outside)) or concentric)) and (control\$3 with (holder or susceptor or chuck or boat or support) with (position\$3 or rais\$3 or lower\$3 or adjust\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 17:14
S19	473	S18 and (@rlad<="20031216" or @ad<="20031216")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 12:44
S20	10610	(control\$3 same (gas or precursor or reactant) same (flow or suppl\$4) same (((first or inner or center) same (second or outer or outside)) or concentric)) and (control\$3 same (holder or susceptor or chuck or boat or support) with (position\$3 or rais\$3 or lower\$3 or adjust\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 17:19
S21	22628	(control\$3 same (gas or precursor or reactant) same (flow or suppl\$4) same (((first or inner or center) same (second or outer or outside)) or concentric)) and (control\$3 same (holder or susceptor or chuck or boat or support) same (position\$3 or rais\$3 or lower\$3 or adjust\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 21:22
S22	4176	(showerhead or (shower head) or (gas adj (distribut\$3 or diffus\$3 or dispens\$3 or dispers\$3) adj (plate or mean)) or (gas supply assembly)) same (((first or inner or center) same (second or outer or outside)) or concentric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 17:22
S23	8345	((118/715,729,684,696,697) or (156/345.33,345.34,345.29,345.26)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/09 17:22
S24	355	S22 and S23 and (@rlad<="20031216" or @ad<="20031216")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 17:22

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S25	1463	(S22 and (wafer or substrate or workpiece or (work piece) or coat\$3 or deposit\$3 or etch\$3 or semiconductor) and (@rlad<="20031216" or @ad<="20031216")) not S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 21:49
S26	1743	(S22 and control\$3 and (@rlad<="20031216" or @ad<="20031216")) not S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 17:22
S27	1301	(S20 and (wafer or substrate or workpiece or (work piece) or coat\$3 or deposit\$3 or etch\$3 or semiconductor or S23) and (@rlad<="20031216" or @ad<="20031216")) not (S24 or S25 or S26 or S19)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 19:56
S28	959	(S21 and (wafer or substrate or workpiece or (work piece) or coat\$3 or deposit\$3 or etch\$3 or semiconductor or S23) and (@rlad<="20031216" or @ad<="20031216")) not (S24 or S25 or S26 or S19 or S27)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 19:57
S29	2518	(control\$3 and (gas or precursor or reactant or flow or suppl\$4) and (((first or inner or center) and (second or outer or outside)) or concentric)) and (control\$3 same (holder or susceptor or chuck or boat or support) and (position\$3 or rais\$3 or lower\$3 or adjust\$4))	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 21:42
S30	1005780	(c23c016\$ or H01L021\$).ipc.	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 21:27
S31	207	S29 and S30	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 21:27
S32	5	control\$3 and (gas or precursor or reactant or flow or suppl\$4) and S22 and control\$3 same (holder or susceptor or chuck or boat or support) and (position\$3 or rais\$3 or lower\$3 or adjust\$4)	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 21:44

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S33	269	(S29 and (wafer or substrate or workpiece or (work piece) or coat\$3 or deposit\$3 or etch\$3 or semiconductor)) not S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 22:13
S34	232	(chamber and (gas supply) and (((first or inner or center) same (second or outer or outside)) or concentric) and (chuck or support or holder or susceptor) and (adjust\$3 or raise or lower) and control\$3).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 22:26
S35	30	(Choi near3 Seung-Chul).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 22:48
S36	4191	(showerhead or (shower head) or (gas adj (distribut\$3 or diffus\$3 or dispens\$3 or dispers\$3) adj (plate or mean)) or (gas supply assembly)) same (((first or inner or center) same (second or outer or outside)) or concentric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/15 13:32
S37	25747	(control\$3 with (gas or precursor or reactant or flow or suppl\$4) with (((first or inner or center) same (second or outer or outside)) or concentric)) and (control\$3 same (holder or susceptor or chuck or boat or support) same (position\$3 or rais\$3 or lower\$3 or adjust\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/15 13:32
S38	22634	(control\$3 same (gas or precursor or reactant) same (flow or suppl\$4) same (((first or inner or center) same (second or outer or outside)) or concentric)) and (control\$3 same (holder or susceptor or chuck or boat or support) same (position\$3 or rais\$3 or lower\$3 or adjust\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/15 13:32
S39	4191	(showerhead or (shower head) or (gas adj (distribut\$3 or diffus\$3 or dispens\$3 or dispers\$3) adj (plate or mean)) or (gas supply assembly)) same (((first or inner or center) same (second or outer or outside)) or concentric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/15 13:32

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S40	45	(S36 or S37 or S38 or S39) and (700/121.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/15 16:06
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